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Page 1 of 4

replacement sheets of drawings are enclosed comprising figures

Request is hereby made to accept black and white photograph(s) in this case, as they are the only practicable medium for illustrating the claimed invention. One (1) set of

) with markings.

is submitted herewith.

A substitute specification (pages 1 -

black and white photographs comprising figure(s)

An Abstract is enclosed.

DOC	KEI N	O.: 1515-4082 PATENT			
	Petition is hereby made to accept drawing(s)/photograph(s) in this case.				
		Three (3) sets of color drawing(s)/photograph(s) and black and white photocopy that accurately depicts to the extent possible, the subject matter shown in the color drawing(s)/photograph(s), are enclosed, comprising figures			
		An amendment to the first paragraph in that portion of the Brief Description of the Drawings is also enclosed herewith advising that the patent contains at least one drawing/photograph in color.			
	A Cei	tified Copy of each of the following applications: is enclosed.			
	An A	ssociate Power of Attorney is enclosed.			
	Inform	nation Disclosure Statement.			
		Attached Form 1449.			
		A copy of each reference as listed on the attached Form PTO-1449 is enclosed herewith.			
	A Terminal Disclaimer is attached.				
	Appendices as follows:				
	Other				
\boxtimes	No Additional Fee is Due.				
	Applicant(s) has previously claimed small entity status under 37 CFR § 1.27.				
	Applicant(s) by its/their undersigned attorney, claims small entity status under 37 CFR § 1.27 as .				
		application is no longer entitled to small entity status. It is requested that this be in the files of the U.S. Patent and Trademark Office.			

				SMALI	ENTITY	NOT SMAI	LL ENTITY
	REMAINING AFTER AMENDMENT	HIGHEST PAID FOR	EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	46	105 (20 MINIMUM)	0	\$9 EACH	\$	\$18 EACH	\$0.00
INDEP. CLAIMS	18	18 (3 MINIMUM)	0	\$43 EACH	\$	\$86 EACH	\$0.00
FIRST PRESENTATION OF MULTIPLE DEPENDENT				\$145	\$	\$290	\$0.00
ONE M	ONTH EXTENSIO	N OF TIME		\$55	\$	\$110	\$0.00
☐ TWO MONTH EXTENSION OF TIME				\$210	\$	\$420	\$0.00
☐ THREE MONTH EXTENSION OF TIME ☐ FOUR MONTH EXTENSION OF TIME				\$475	\$	\$950	\$0.00
				\$740	\$	\$1480	\$0.00
☐ FIVE MONTH EXTENSION OF TIME				\$1005	\$	\$2010	\$0.00
LESS ANY EXTENSION FEE ALREADY PAID					(\$)	minus	(\$0.00)
☐ TERMINAL DISCLAIMER					\$	\$110	\$0.00
OTHER FEE OR SURCHARGE AS FOLLOWS:						•	\$0.00
TOTAL FEE DUE					\$		\$\$0.00

A check in the amount of \$\00\$ is attached. Please charge any deficiency or credit any overpayment to Deposit Account 23-3050.
Please charge Deposit Account No. 23-3050 in the amount of00. This sheet is attached in duplicate.
Petition is hereby made under 37 CFR § 1.136(a) (fees: 37 CFR § 1.17(a)(1)-(4)) to extend the time for response to the Office Action of to and through comprising an extension of the shortened statutory period of month(s).

DOCKET NO.: ISIS-4682

PATENT

The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to Deposit Account 23-3050. This sheet is provided in duplicate.

Date: February 23, 2004

John A. Harrelson, Jr. Registration No. 42,637

Woodcock Washburn LLP One Liberty Place - 46th Floor Philadelphia PA 19103

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DOCKET NO.: ISIS-4682 Application No.: 09/775,967

Poffice Action Dated: December 2, 2003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Andrei P. Guzaev et al. Confirmation No.: 9641

Application No.: 09/775,967

Group Art Unit: 1623

Filing Date: February 2, 2001

Examiner: Patrick T. Lewis

For: METHODS FOR SYNTHESIS OF OLIGONUCLEOTIDES

DATE OF DEPOSIT: February 23, 2004

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

TYPED NAME: John A. Harrelson, Jr.
REGISTRATION NO.: 42.637

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

REPLY PURSUANT TO 37 CFR § 1.111

In response to the Official Action dated December 2, 2003, reconsideration is respectfully requested in view of the amendments and/or remarks as indicated below:

	Amendments to the Specification begin on page @@ of this paper.
\boxtimes	Amendments to the Claims are reflected in the listing of the claims which begins
	of page 2 of this paper.
	Amendments to the Drawings begin on page @@ of this paper and include an
	attached replacement sheet.
\boxtimes	Remarks/Arguments begin on page 23 of this paper.